Draft 2014 Integrated Report Summary for the Twin Falls Region

Subject to change

New listings in Category 5/ Additions to the 303 (d) list.

The Twin Falls Region is proposing to make one new addition to the 303(d) list. This listing is for an *Escherichia coli* impairment of Rock Creek- lower (Rockland Valley) (ID17040209SK008_04) and includes 12.52 miles.

Causes of impairments delisted from Category 4 or Category 5

The Twin Falls Region is proposing to delist 20 causes of impairment from 17 unique assessment units. The causes proposed for delisting are: *Escherichia coli* (6), Fecal coliform (4), Sedimentation/Siltation (4), Combined Biota/Habitat Bioassessments (2), Temperature (2), Other flow regime alterations (1), and Total Phosphorus (1) (Table 1). The AU delisting rational included in Table 1 is just a brief summary of the entire assessment. For the complete assessment please consult the Draft 2014 Integrated Report, Appendix M.

Table 1. Proposed delistings of assessment unit cause-combinations for the 2014 Integrated Reporting cycle (draft)

Assessment Unit	AU Name	HUC	Length (mi)	Cause	Category	Rational
ID17040209SK003_03	Marsh Creek - source to mouth	Lake Walcott	12.17	Combined Biota/Habitat Bioassessments	5	True cause of impairment identified
ID17040209SK003_04	Marsh Creek - source to mouth	Lake Walcott	17.15	Combined Biota/Habitat Bioassessments	5	True cause of impairment identified
ID17040210SK001_05	Raft River - Heglar Canyon Creek to mouth	Raft	18.45	Escherichia coli	4a	TMDL inappropriately applied to this AU
ID17040210SK001_05	Raft River - Heglar Canyon Creek to mouth	Raft	18.45	Sedimentation/Siltation	4a	TMDL inappropriately applied to this AU
ID17040210SK002_05	Raft River - Cassia Creek to Heglar Canyon Creek	Raft	19.5	Escherichia coli	4a	TMDL inappropriately applied to this AU
ID17040210SK002_05	Raft River - Cassia Creek to Heglar Canyon Creek	Raft	19.5	Sedimentation/Siltation	4a	TMDL inappropriately applied to this AU
ID17040210SK005_04	Cassia Creek - Clyde Creek to Conner Creek	Raft	4.51	Escherichia coli	5	EPA approved TMDL
ID17040210SK007_05	Raft River - source to Clyde Creek	Raft	4.82	Escherichia coli	4a	TMDL inappropriately applied to this AU
ID17040210SK007_05	Raft River - source to Clyde Creek	Raft	4.82	Sedimentation/Siltation	4a	TMDL inappropriately applied to this AU

Assessment Unit	AU Name	HUC	Length (mi)	Cause	Category	Rational
ID17040210SK019_02	Sublett Creek - Sublett Reservoir Dam to mouth	Raft	51.52	Phosphorus (Total)	4a	TMDL inappropriately applied to this AU
ID17040211SK003_04	Trapper Creek - from and including Squaw Cr. to reservoir	Goose	7.32	Other flow regime alterations	4c	AU split; flow alteration now only applies to appropriate portion of former AU
ID17040212SK000_03A	Yahoo Creek	Upper Snake-Rock	2.23	Fecal Coliform	5	Change in water quality standards; replaced with *Escherichia coli*
ID17040212SK001_07	Snake River - Lower Salmon Falls to Clover Creek	Upper Snake-Rock	26.64	Fecal Coliform	5	Change in water quality standards; available data do not indicate an *Escherichia coli* impairment
ID17040212SK016_04	Rock Creek	Upper Snake-Rock	8.31	Fecal Coliform	5	Change in water quality standards; available data do not indicate an *Escherichia coli* impairment
ID17040212SK028_02	Clear Lakes	Upper Snake-Rock	22.52	Escherichia coli	5	Available data do not indicate an *Escherichia coli* impairment
ID17040212SK033_02	Billingsley Creek - source to mouth	Upper Snake-Rock	8.14	Fecal Coliform	5	Change in water quality standards; available data do not indicate an *Escherichia coli* impairment
ID17040212SK036_02	Clover Creek - source to Pioneer Reservoir	Upper Snake-Rock	72.89	Escherichia coli	5	Available data do not indicate an *Escherichia coli* impairment
ID17040219SK003L_0L	Magic Reservoir	Big Wood	3563.54	Sedimentation/Siltation	4a	TMDL inappropriately applied to this AU
ID17040219SK008_02	Quigley Creek - source to mouth	Big Wood	15.87	Temperature	5	EPA approved TMDL
ID17040219SK028_02	Rock Creek - source to mouth	Big Wood	39.42	Temperature	5	EPA approved TMDL

The EPA compiles information for non-point source *Success Stories* which detail restoration efforts that have led to attainment of water quality standards and beneficial use support. In this reporting cycle one of the three Success Stories are located within the Twin Falls administrative area. Shoshone Creek is impaired by temperature and sediment as a result of historic land use patterns. Partners including the Twin Falls SWCSD, USFS, BLM, WSGA, IDSWCC and USDA NRCS have collaborated to implement restoration projects. Although Shoshone Creek (ID17040213SK016_03) is not being delisted during this cycle, Shoshone Creek is being featured as a Success Story for making progress towards attainment of full beneficial use support.

TMDLs and Priorities

The Twin Falls Region has 3 TMDLs or 5-year reviews in development; these documents will address water quality impairments in the Bruneau, Camas Creek and Upper Snake-Rock watersheds.

As the prioritization based on the 2002 Settlement Agreement becomes obsolete, DEQ is moving towards a prioritization scheme based on other water quality management objectives (Table 2). Hydrologic units without Category 5 pollutants are prioritized based on the need to review existing TMDLs.

Table 2. The proposed TMDL and 5-year review prioritization scheme for the Twin Falls Region as included in the draft 2014 Integrated Report

Hydrologic Unit Code	US Geological Survey Cataloging Unit Name	Priority	Year	Category 5 pollutants
17040212	Upper Snake River/Rock Creek	High	2016	Cause Unknown, Combined Biota/Habitat Bioassessments, *Escherichia coli*, Fecal coliform, Sedimentation/Siltation, Temperature
17040219	Big Wood River	High	2016	Cause Unknown, Combined Biota/Habitat Bioassessments, Temperature, Total Suspended Solids (TSS)
17040221	Little Wood River	High	2016	Cause Unknown, Combined Biota/Habitat Bioassessments, Fecal coliform, Sedimentation/Siltation
17040220	Camas Creek	High	2016	Mercury
17040213	Salmon Falls Creek	Medium	2018	--
17040209	Lake Walcott	Medium	2018	Combined Biota/Habitat Bioassessments, *Escherichia coli,* Mercury
17040210	Raft River	Low	2020	*Escherichia coli*
17040211	Goose Creek	Low	2022	Mercury, Sedimentation/Siltation